

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hisashi Ohtani                          Art Unit : 2822  
Serial No. : 09/967,697                          Examiner : Ida M. Soward  
Filed : September 28, 2001                          Confirmation No. 2822  
Title : SEMICONDUCTOR INTEGRATED CIRCUIT AND FABRICATION METHOD  
THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

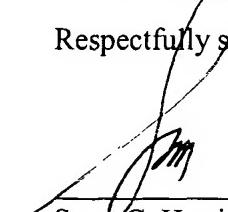
**ASSOCIATE POWER OF ATTORNEY**

Please recognize John F. Hayden, Registration No. 37,640, as my associate attorney/agent in the above application, with full powers.

Please continue to direct all official communications to the customer no. 26171.

Respectfully submitted,

Date: 7/30/03

  
Scott C. Harris  
Reg. No. 32,030

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AUGUST 05, 1997

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UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 05/23/1997

REEL/FRAME: 8584/0778  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

OHTANI, HISASHI

DOC DATE: 05/13/1997

ASSIGNOR:

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.  
398, HASE, ATSUGI-SHI  
KANAGAWA-KEN 243, JAPAN

SERIAL NUMBER: 08862895

FILING DATE:  
ISSUE DATE:

PATENT NUMBER:

PEARLENE FOSTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Reviewed By Billing Agent
Reviewed By Practitioner
Initials: <u>JCD</u>
Reviewed By Billing Secretary
Initials: _____

07-14-1997

5/23/97

Commissioner for Patents: Please



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ER SH T

Y

1. Name of conveying party(ies):  
Hisashi Ohtani

Additional name(s) attached?  Yes  No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

2. Name and address of receiving party(ies):  
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.  
398, Hase, Atsugi-shi  
Kanagawa-ken 243 Japan

Additional names/addresses attached?  Yes  No

Execution Date: May 13, 1997

70270 U.S. PTO  
08/862895  
  
05/23/97

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: May 13, 1997  
A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached?  Yes  No

5. Name/address of party to whom correspondence concerning document should be mailed:

Scott C. Harris, reg. 32,030  
Fish & Richardson P.C.  
4225 Executive Square, Suite 1400  
La Jolla, CA 92037

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- Enclosed
- Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Scott C. Harris, reg. 32,030

Name of Person Signing

Signature

5/23/97

Date

Total number of pages including cover sheet, attachments, and document: 3

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07/08/1997 JAN DERSO 00000040 08862895  
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Date of Deposit 5/23/97

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

CHRISTOPHER HAMRE

FISH & RICHARDSON P.C.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

having the address:

398, Hase, Atsugi-shi, Kanagawa-ken 243 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

SEMICONDUCTOR INTEGRATED CIRCUIT AND FABRICATION METHOD THEREOF

Attorney Docket No: 07977/152001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.

Filing Date: May 23, 1997

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

May 13, 1997  
Date

Hisashi Ohtani  
Typed Name: Hisashi OHTANI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name:

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name:

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR INTEGRATED CIRCUIT AND FABRICATION METHOD THEREOF

the specification of which

is attached hereto.

was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_.

was described and claimed in PCT International Application No. \_\_\_\_\_

filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE	PRIORITY CLAIMED
Japan	8-165272	June 4, 1996	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Scott C. Harris, Reg. No. 32,030; William E. Booth, Reg. No. 28,933; Barry E. Bretschneider, Reg. No. 28,055; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; Alan H. Gordon, Reg. No. 26,168; John F. Land, Reg. No. 29,554; John B. Pegram, Reg. No. 25,198; Rene D. Tegtmeyer, Reg. No. 33,567; Hans R. Troesch, Reg. No. 36,950; Dorothy P. Whelan, Reg. No. 33,814; Charles C. Winchester, Reg. No. 21,040.

Address all telephone calls to Scott C. Harris at telephone number 202/783-5070.

Address all correspondence to Scott C. Harris, Fish & Richardson P.C., 601 13th Street NW, Washington, D.C. 20005.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Hisashi OHTANI

Inventor's Signature: Hisashi Ohtani Date: May 13, 1997

Residence Address: Kanagawa, Japan

**COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED**

Citizen of: Japanese

Post Office Address: c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.  
398, Hase, Atsugi-shi, Kanagawa-ken 243 Japan

Full Name of Inventor: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Full Name of Inventor: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Full Name of Inventor: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Post Office Address: \_\_\_\_\_